

FIG.1

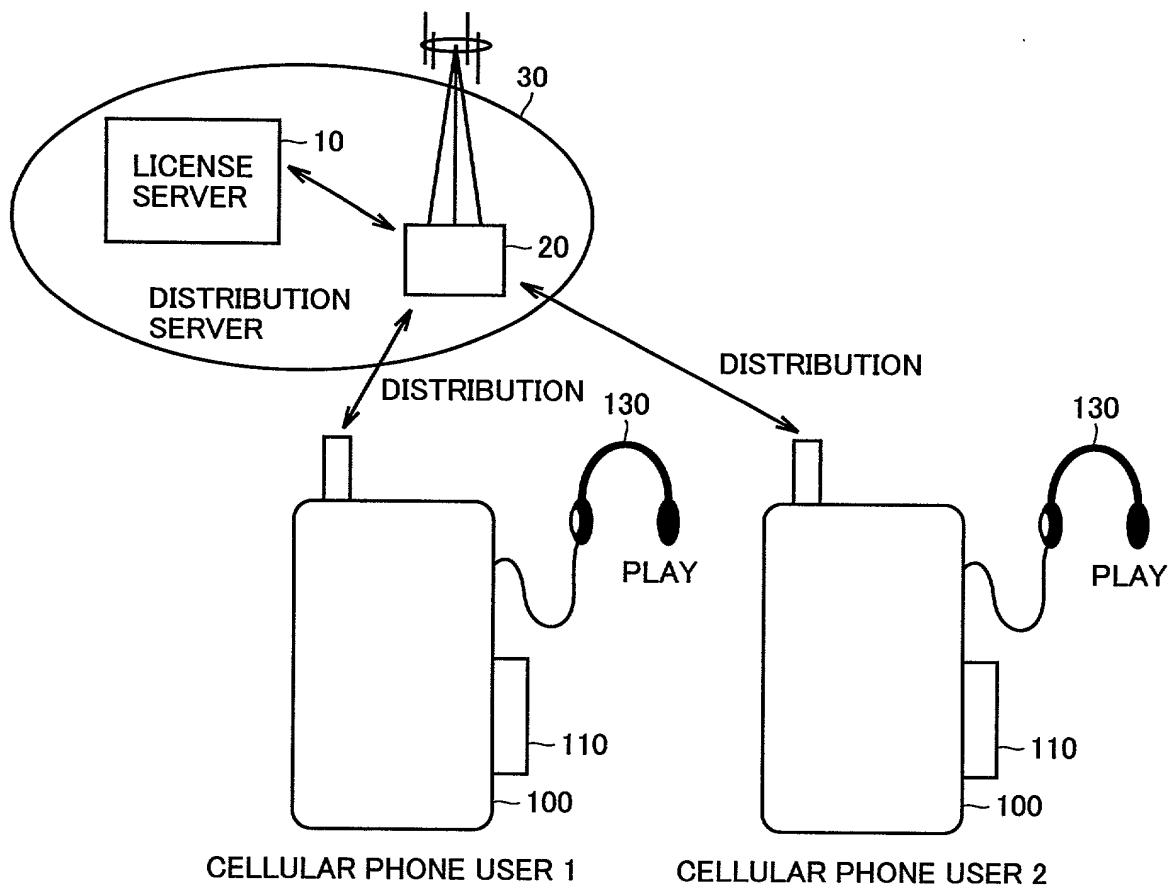


FIG.2A

OPENED
POSITION

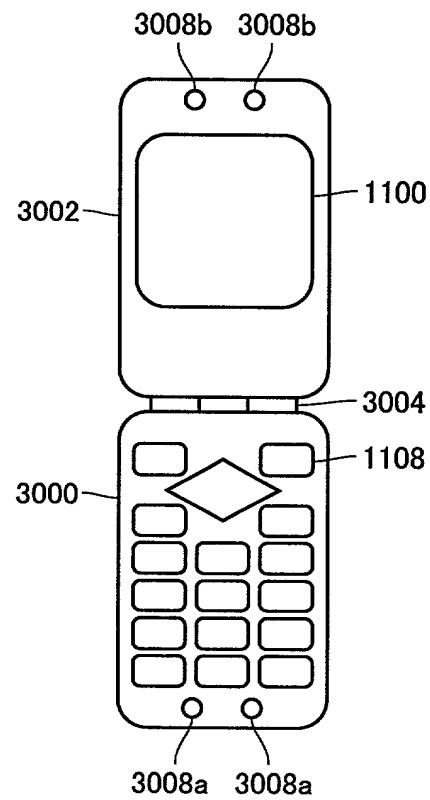


FIG.2B

OPENED
POSITION
(AS SEEN
LATERALLY)

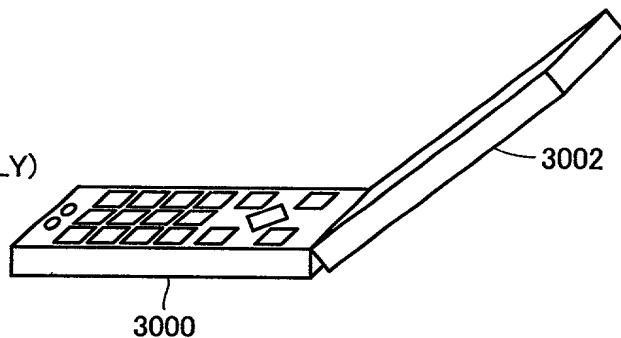


FIG.2C

CLOSED
POSITION

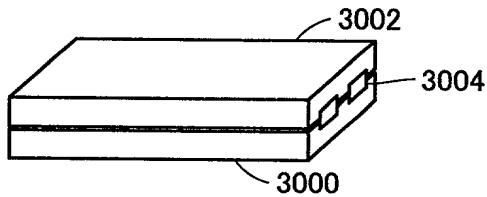


FIG.3

NAME	ATTRIBUTE	HELD/PRODUCED AT	FUNCTION & CHARACTERISTIC
Data	CONTENT DATA		E.G., MUSIC DATA
Kc	LICENSE KEY		KEY FOR DECRYPTING ENCRYPTED CONTENT DATA
[Data]Kc	ENCRYPTED CONTENT DATA		CONTENT DATA ENCRYPTED DECRYPTABLE WITH COMMON KEY Kc. DISTRIBUTED IN THIS FORM FROM DISTRIBUTION SERVER.
Data-inf	ADDITIONAL INFORMATION	DISTRIBUTION SERVER	E.G., COPYRIGHT OF CONTENT DATA OR PLAINTEXT INFORMATION RELATED TO SERVER ACCESS
CONTENT ID	INFORMATION ON CONTENT		CODE FOR IDENTIFYING CONTENT DATA Data
LICENSE ID	INFORMATION OF LICENSE ID		MANAGEMENT CODE CAPABLE OF SPECIFYING ISSUANCE OF LICENSE (ALSO CAPABLE OF IDENTIFYING IT INCLUDING CONTENT ID)
AC	LICENSE PURCHASING CONDITION		DESIGNATED BY USER (E.G., NO. OF LICENSES, LIMITATION ON FUNCTION)
AC1	ACCESS RESTRICTION INFORMATION		RESTRICTION ON MEMORY ACCESS (E.G., NO. OF TIMES OF REPRODUCTION ALLOWED)
AC2	REPRODUCTION CIRCUIT CONTROL INFORMATION		CONTROL INFORMATION IN CONTENT REPRODUCTION CIRCUIT (CELLULAR PHONE) (E.G., WHETHER REPRODUCTION IS ALLOWED/DISALLOWED)

FIG.4

NAME	ATTRIBUTE	HELD/PRODUCED AT	FUNCTION & CHARACTERISTIC
CRL		DISTRIBUTION SERVER MEMORY CARD	DATA OF CLASSES ON CLASS REVOCATION LIST
CRL_dat	INFORMATION OF CLASS REVOCATION LIST	DISTRIBUTION SERVER	INFORMATION FOR UPDATING THE VERSION OF CLASS REVOCATION LIST (IN THE FORM OF DIFFERENTIAL DATA)
CRL_ver		MEMORY CARD	INFORMATION OF VERSION OF CLASS REVOCATION LIST
KPpn	PUBLIC ENCRYPTION KEY (ASYMMETRIC KEY)	CELLULAR PHONE	DECRYPTABLE WITH Kpn. RECORDED IN THE FORM OF {KPpn//Crtni}KPma WHEN SHIPPED. * DIFFERENT FOR EACH CELLULAR PHONE TYPE n.
KPmci	PUBLIC ENCRYPTION KEY (ASYMMETRIC KEY)	MEMORY CARD	DECRYPTABLE WITH Kmci. RECORDED IN THE FORM OF {KPmci//Cmcij}KPma WHEN SHIPPED. * DIFFERENT FOR EACH MEMORY CARD TYPE i.
Kpn	SECRET DECRYPTION KEY	CELLULAR PHONE	DECRYPTION KEY UNIQUE TO CONTENT REPRODUCTION CIRCUIT (CELLULAR PHONE). * DIFFERENT FOR EACH CELLULAR PHONE TYPE n.
Kmci	SECRET DECRYPTION KEY	MEMORY CARD	DECRYPTION KEY UNIQUE TO MEMORY CARD. * DIFFERENT FOR EACH MEMORY CARD TYPE i.
Crtn	CLASS CERTIFICATE	CELLULAR PHONE	CONTENT REPRODUCTION CIRCUIT CLASS CERTIFICATE HAS AUTHENTICATION FUNCTION. RECORDED IN THE FORM OF {KPpn//Crtni}KPma WHEN SHIPPED. * DIFFERENT FOR EACH CELLULAR PHONE CLASS n.
Cmcij		MEMORY CARD	MEMORY CARD CLASS CERTIFICATE.HAS AUTHENTICATION FUNCTION. RECORDED IN THE FORM OF {KPmci//Cmcij}KPma WHEN SHIPPED. * DIFFERENT FOR EACH MEMORY CARD CLASS i.

FIG.5

NAME	ATTRIBUTE	HELD/PRODUCED AT	FUNCTION & CHARACTERISTIC
Ks1		DISTRIBUTION SERVER	GENERATED FOR EACH DISTRIBUTION SESSION
Ks2	COMMON KEY	MEMORY CARD	GENERATED FOR EACH DISTRIBUTION/REPRODUCTION SESSION
Ks3		CELLULAR PHONE	GENERATED FOR EACH REPRODUCTION SESSION
Km	SECRET DECRYPTION KEY	MEMORY CARD	DECRYPTION KEY UNIQUE TO EACH MEMORY CARD DATA ENCRYPTED WITH KP ^m IS DECRYPTABLE WITH Km.
KP ^m	PUBLIC ENCRYPTION KEY (ASYMMETRIC KEY)	MEMORY CARD	ENCRYPTION KEY UNIQUE TO EACH MEMORY CARD
KP ^{ma}	PUBLIC AUTHENTICATION KEY	DISTRIBUTION SERVER	SHARED THROUGHOUT THE DISTRIBUTION SYSTEM.

FIG.6

10

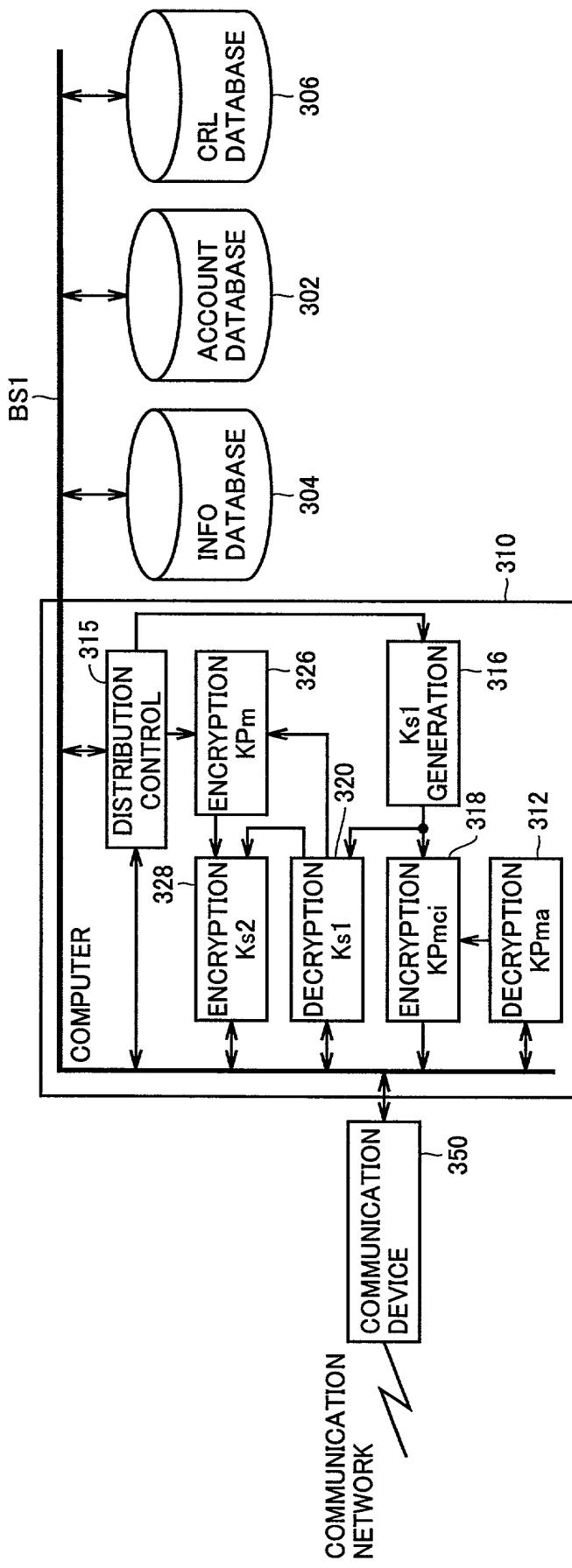


FIG. 7

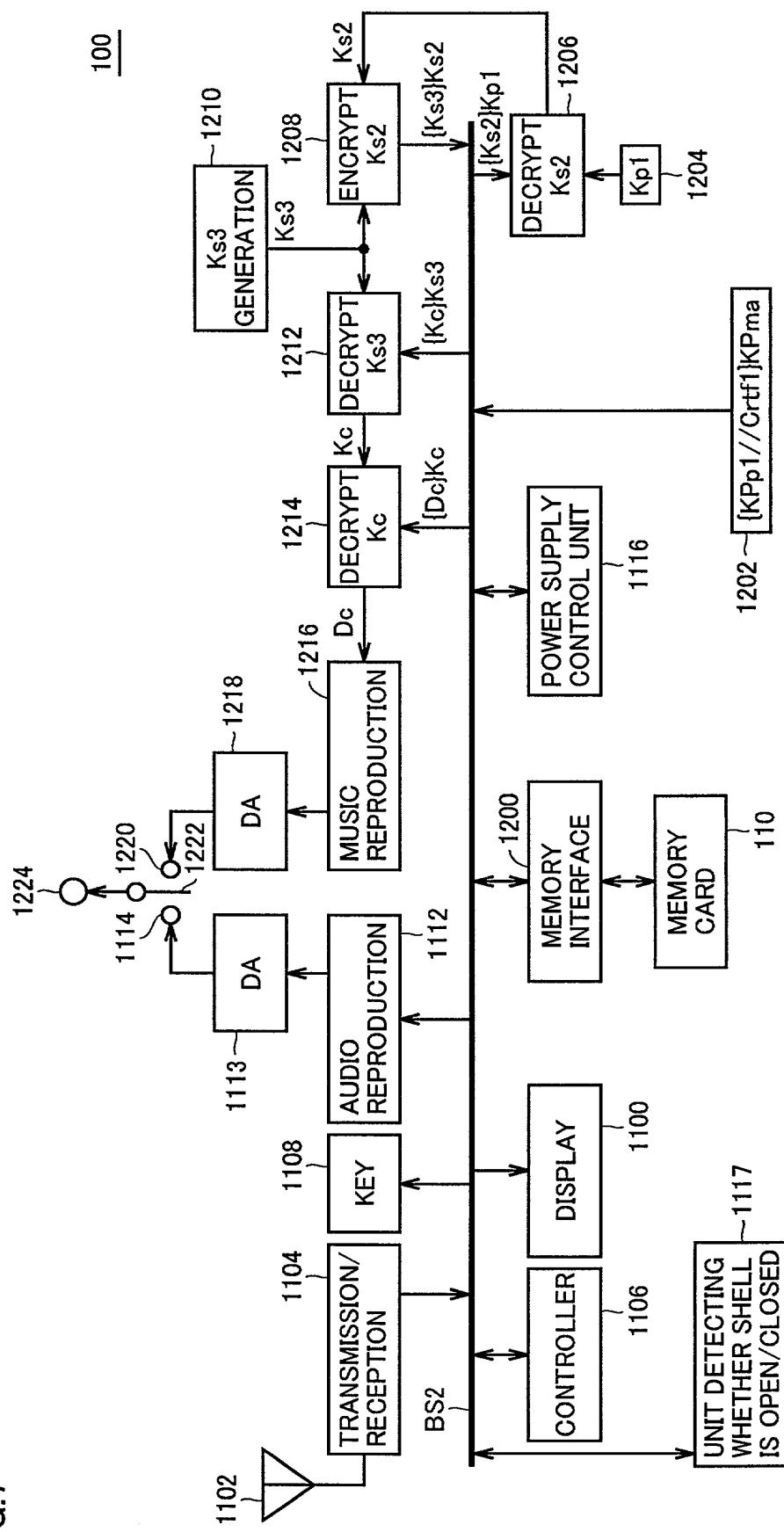


FIG.8

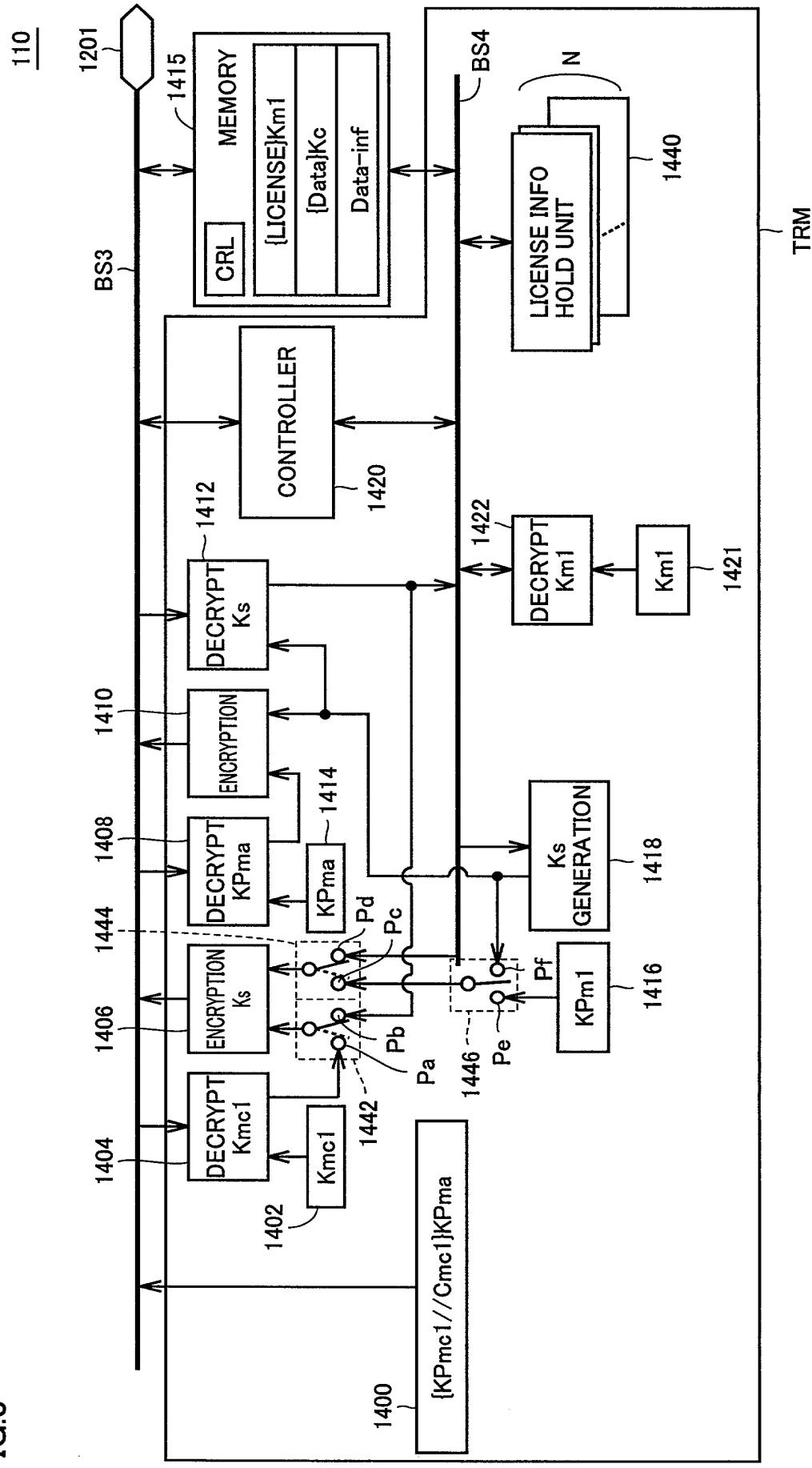


FIG.9

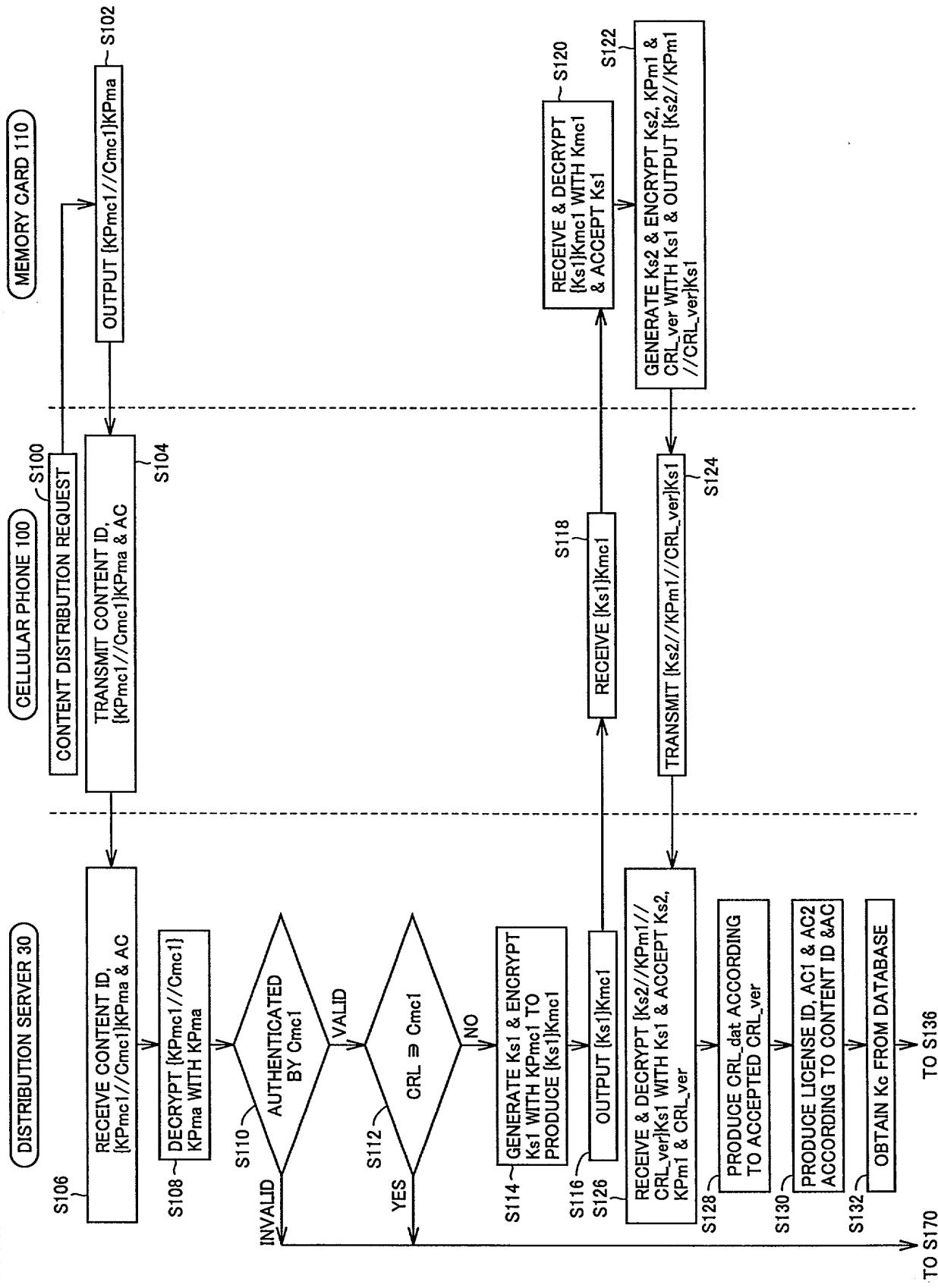


FIG.10

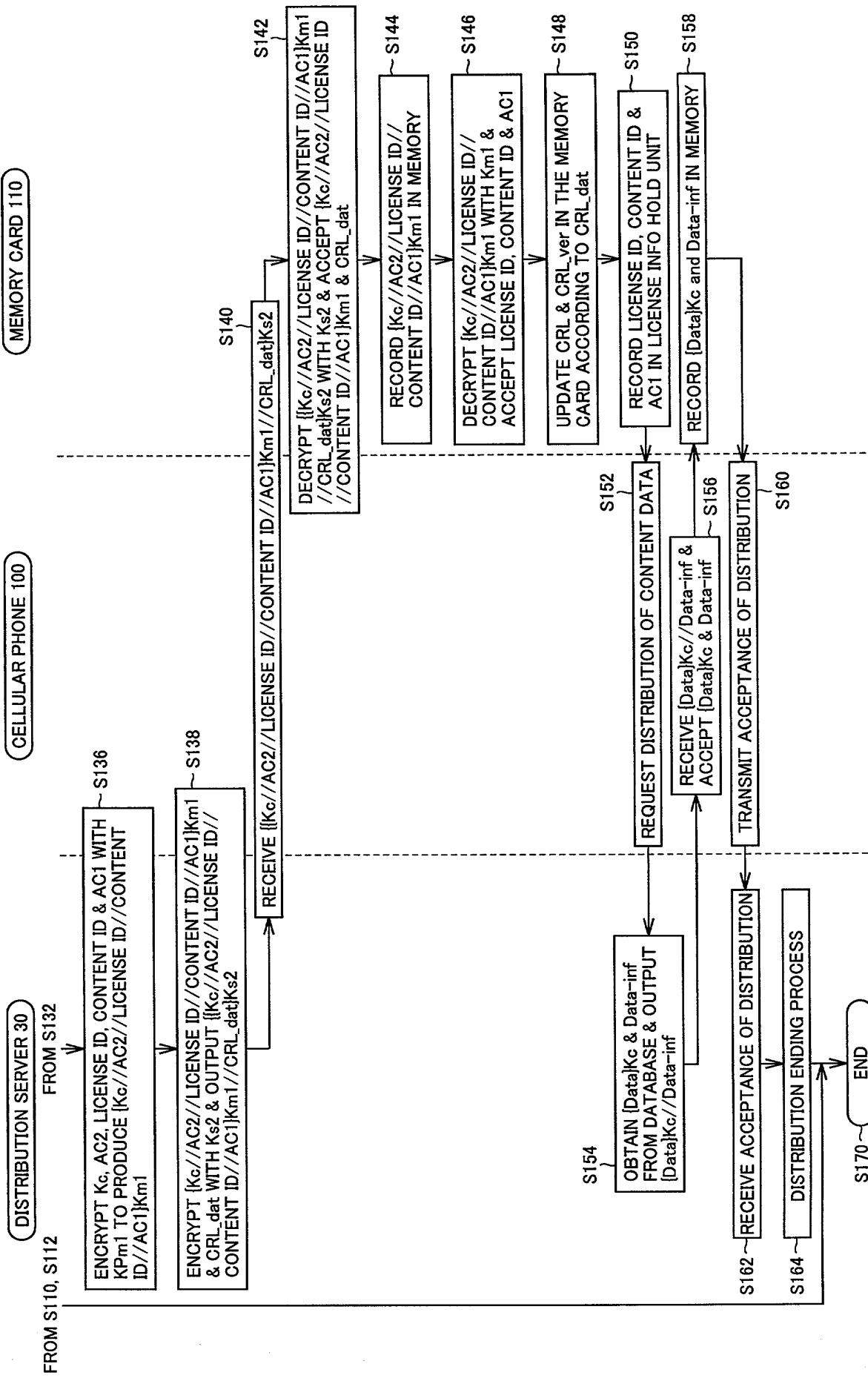


FIG.11

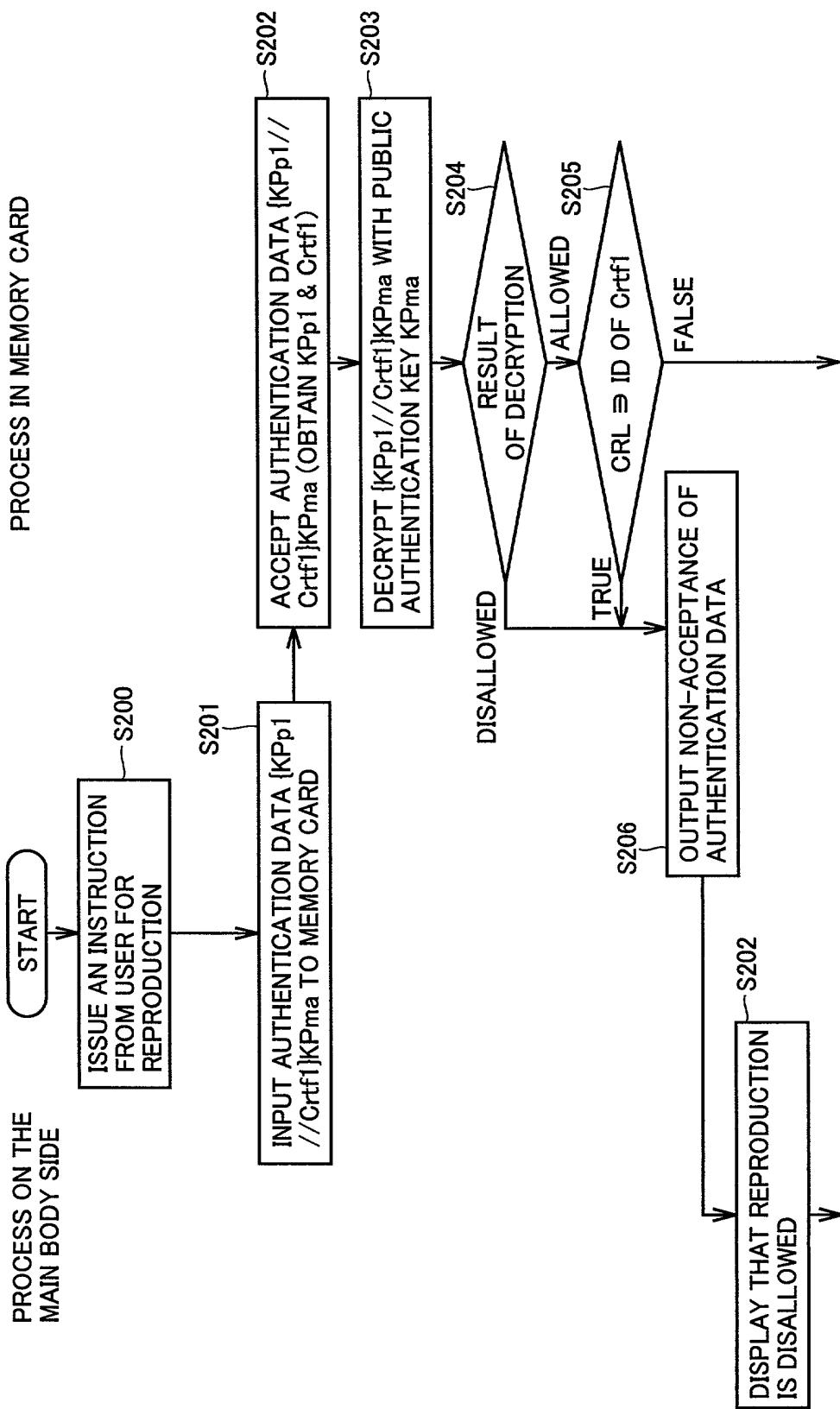


FIG.12

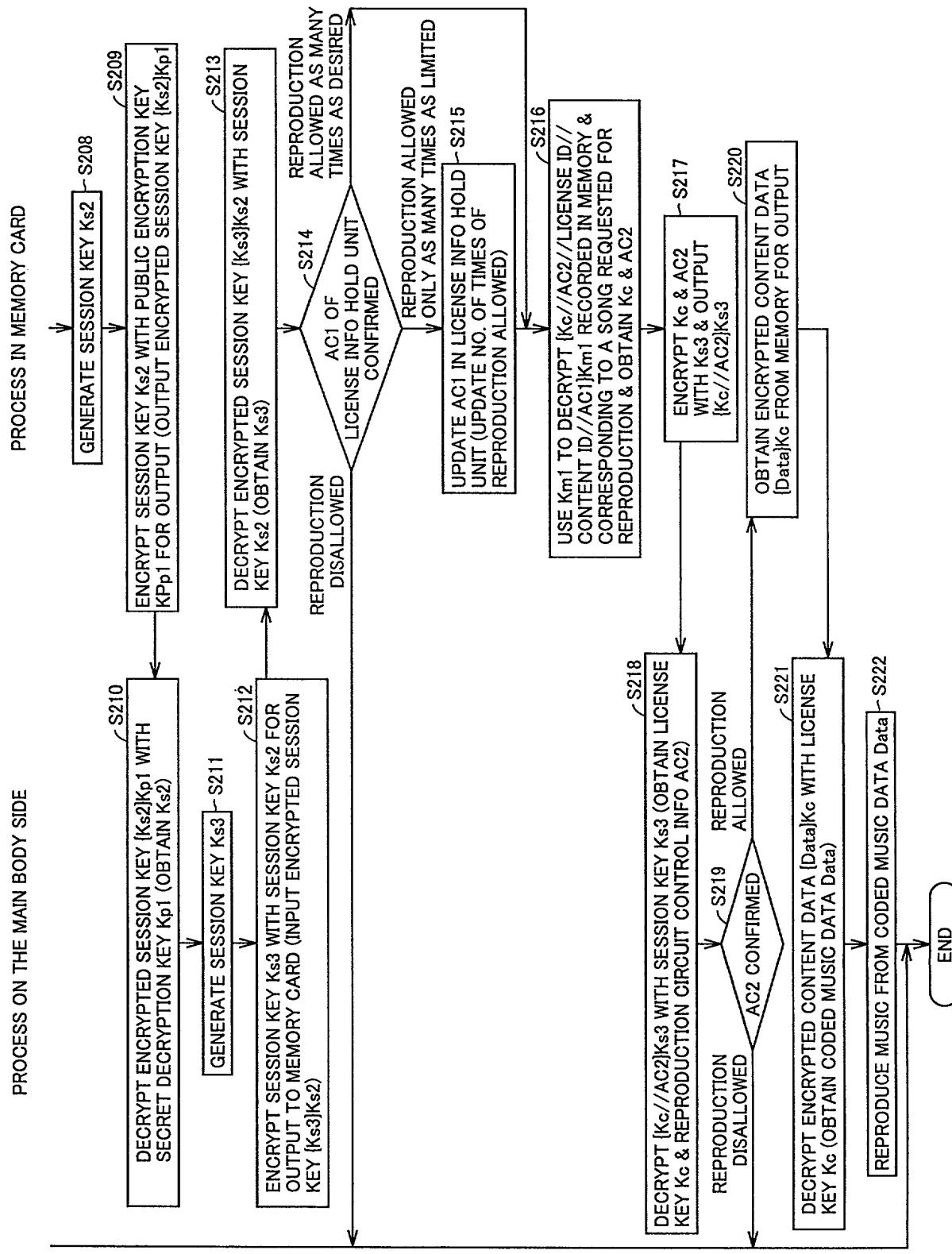


FIG.13

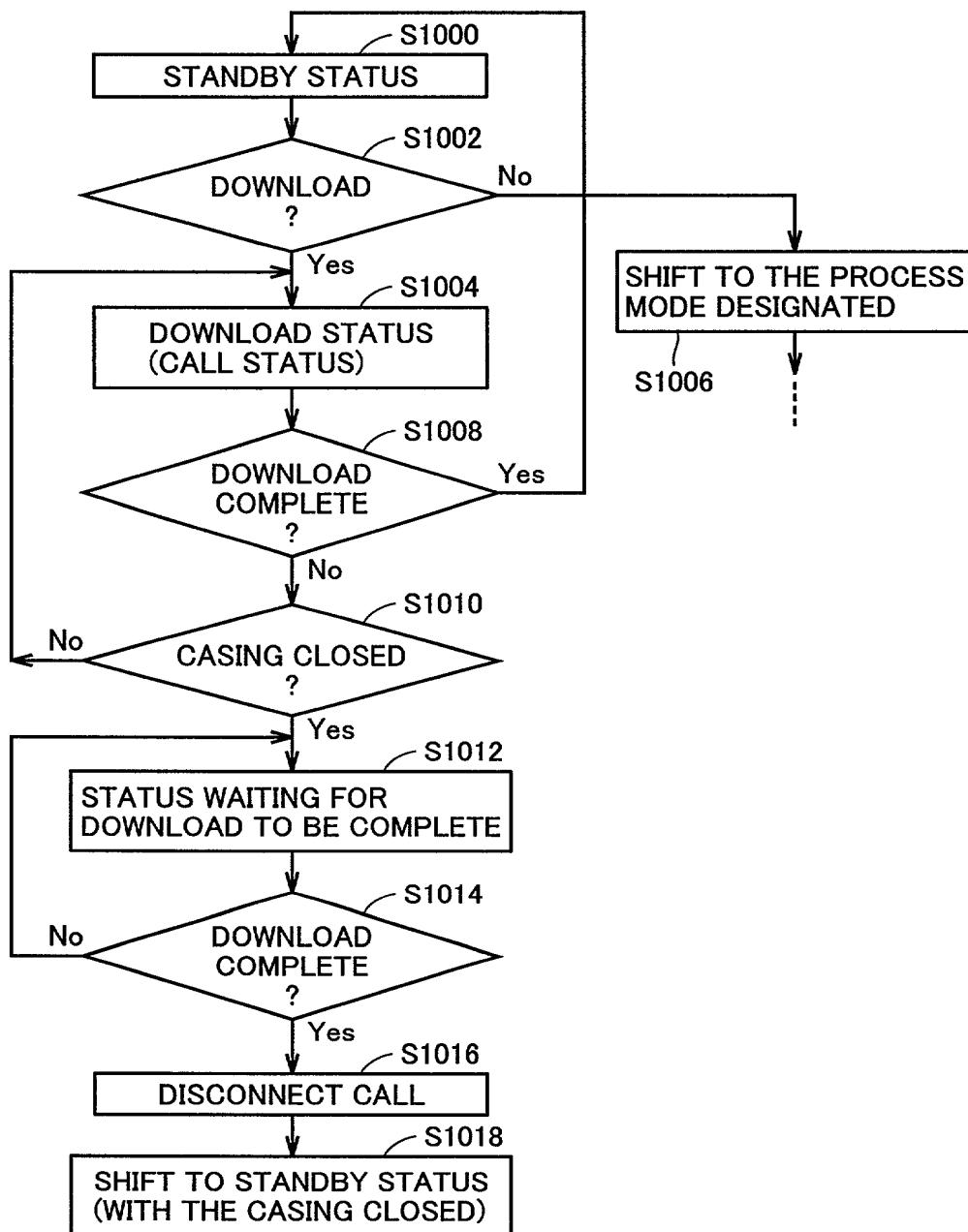


FIG.14

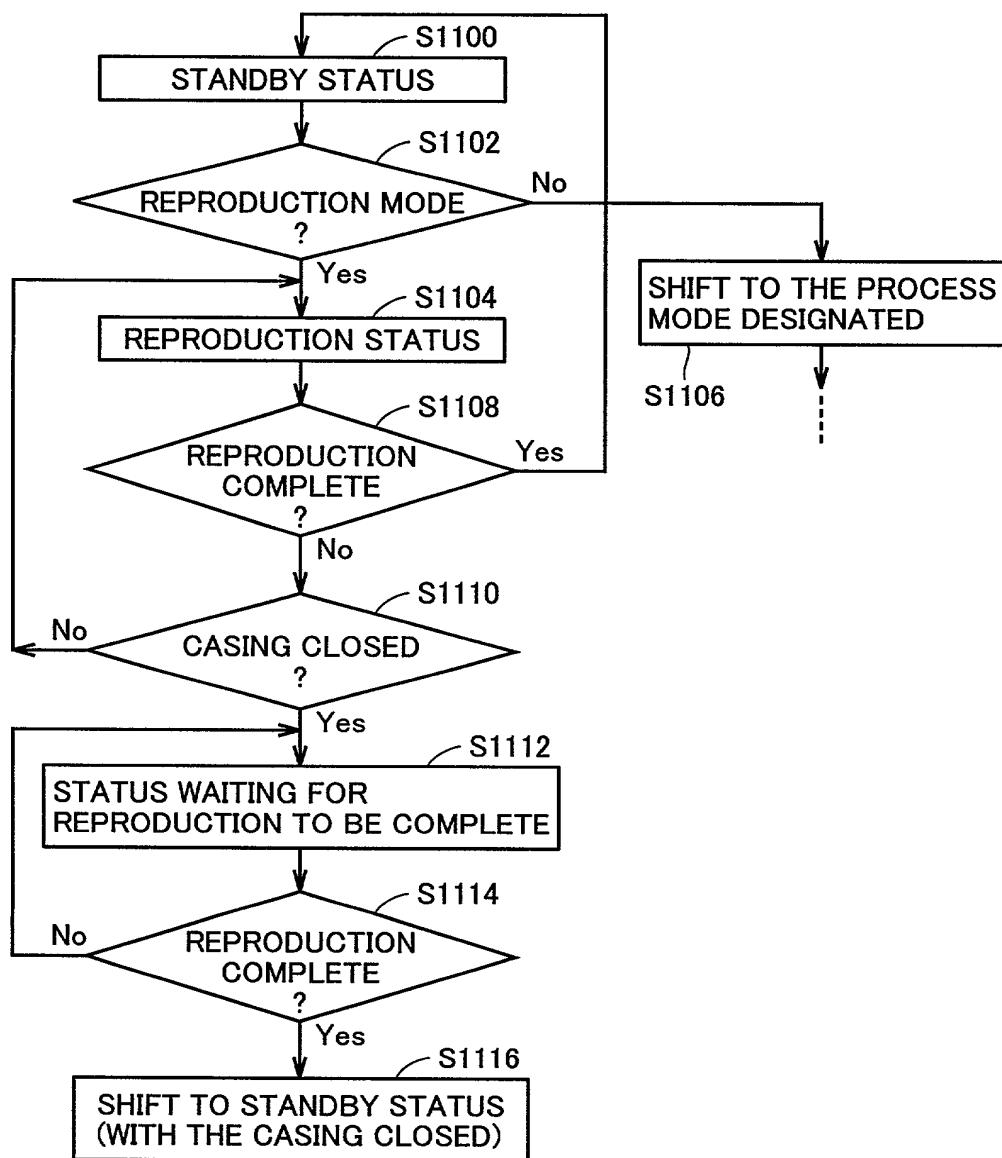


FIG.15

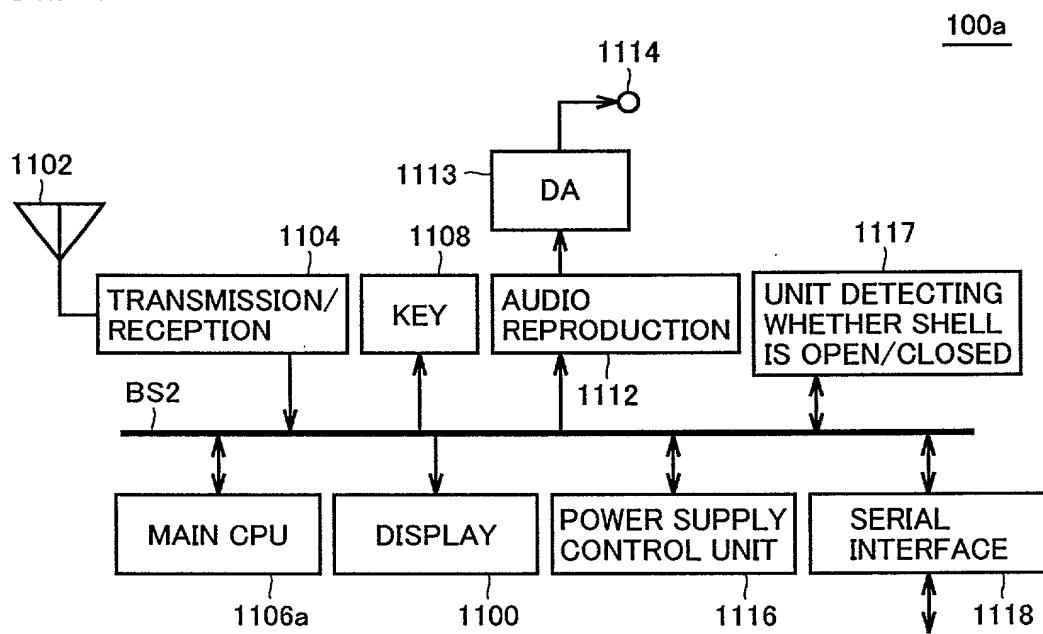


FIG.16

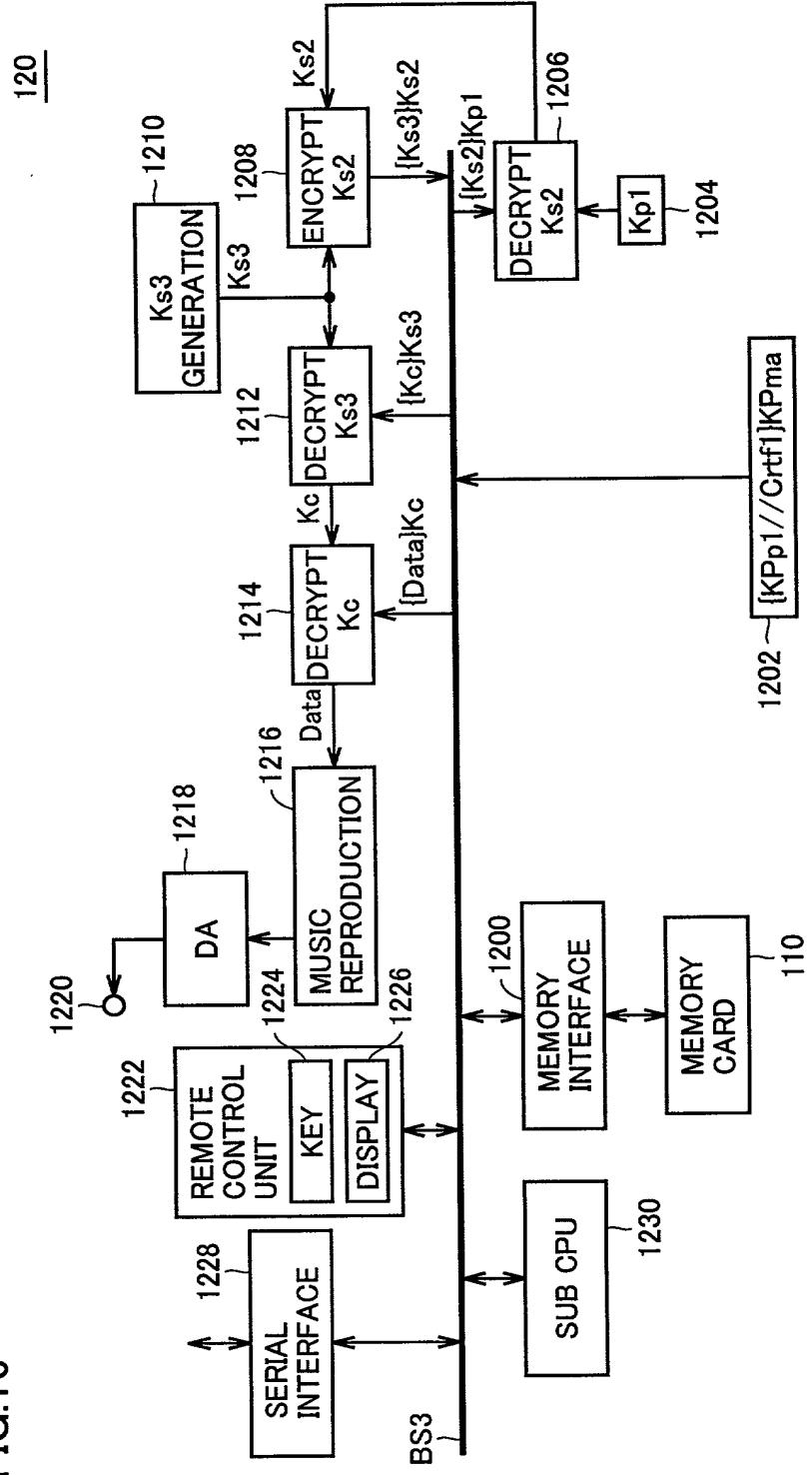


FIG.17

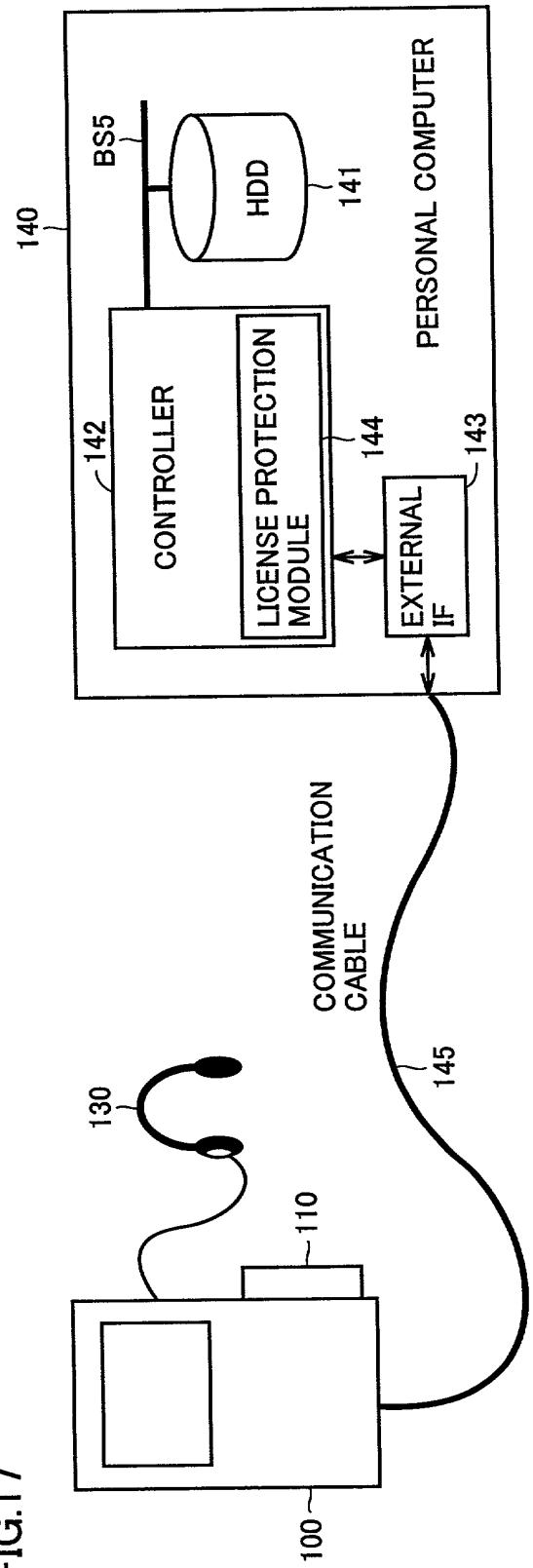


FIG.18

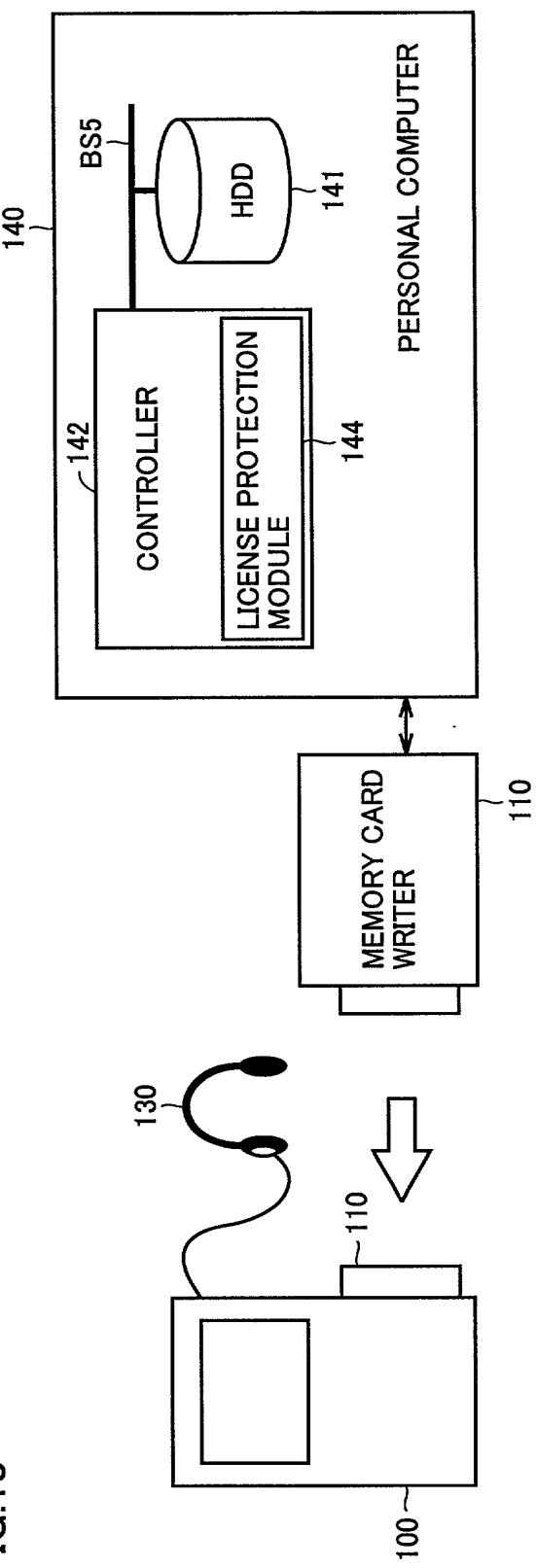


FIG.19 PRIOR ART

